

Science Toolkit: Grade 4 Objective 3.A.1.b

Student Handout: Science: Grade 4 Objective 3.A.1.b

Standard 3.0 Life Science

Topic A. Diversity of Life

Indicator 1. Explain how animals and plants can be grouped according to observable features.

Objective b. Classify a variety of animals and plants according to their observable features and provide reasons for placing them into different groups.

Selected Response (SR) Item

Question

Use the information below to answer the following.

A scientist studied an estuary, the area where fresh water from a river empties into salty ocean water. The scientist classified nine estuary organisms into the three groups shown below.

Birds	Plants	Animals
Great Blue Heron	Salt Grass	Blue Crab
Laughing Gull	Eelgrass	Horseshoe Crab
Osprey	Sallow Sedge	Hard Clam

The physical features of an animal are described in the table below.

Physical Features

- Hard shellHinged shellFleshy inside

Which animal best fits this description?

- A. blue crab
- B. hard clam
- C. laughing gullD. sallow sedge

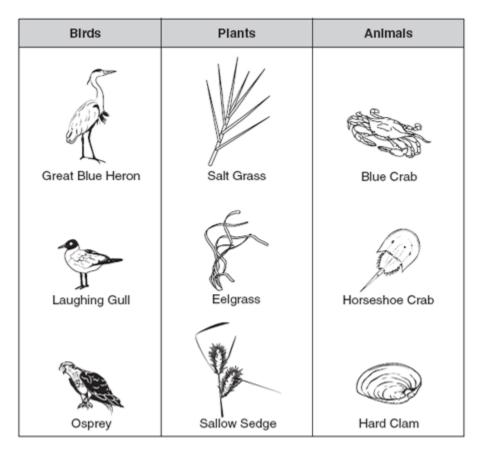
Correct Answer

B. hard clam

Question

Use the information below to answer the following.

A scientist studied an estuary, the area where fresh water from a river empties into salty ocean water. The scientist classified nine estuary organisms into the three groups shown below.



The physical features of an animal are described in the table below.

Physical Features

- Hard shell
- Hinged shell
- Fleshy inside

Which animal best fits this description?

- A. blue crab
- B. hard clam
- C. laughing gull
- D. sallow sedge